



PCT
JC01 Rec'd PCT/PTO 12 AUG 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/533,654

Confirmation No.: Unknown

Applicant: Brown *et al.*

PCT Appl. No.: PCT/SE03/01707

National Phase Fld (371): May 4, 2005

PCT Filed: November 5, 2003

Docket No.: 100883-1P US

TC/A.U.: Unknown

Customer No.: 22466

Examiner: Unknown

Title: 4(Phenyl-Piperazinyl-Methyl) Benzamide Derivatives and Their Use for the Treatment of Pain or Gastrointestinal Disorders

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith a list of patents and publications for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO/SB/08A and SB/08B forms.

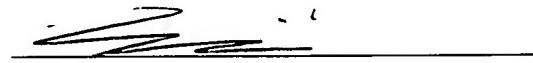
Applicants also wish to make the Examiner aware of co-pending applications:

10/714447, filed on Nov. 17, 2003;
10/477642, a PCT national phase filed on May 16, 2002; and
10/533764, a PCT national phase filed on November 5, 2003; and
10/533744, a PCT national phase filed on November 5, 2003.

In accordance with 37 C.F.R. §§ 1.97 (g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that the information cited is material to patentability as defined in 37 C.F.R. § 1.56.

This Information Disclosure Statement is being filed before the mailing date of a first office action on the merits and therefore, pursuant to 37 C.F.R. § 1.97(b), no fee is required pursuant to 37 C.F.R. § 1.17(p).

Respectfully submitted,



Jianzhong Shen
Reg. No.48,076
302-886-8854

Dated: Aug. 10, 2005

Enclosures: Forms SB/08A and SB/08B
References (50)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

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Complete if Known

Application Number	10/533,654
Filing Date	05/04/2005
First Named Inventor	William Brown
Art Unit	
Examiner Name	

Attorney Docket Number 100883-1P US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	US- 3,940,386		02/24/1976	Szabo et al.	
A2	US- 5,574,159		11/12/1996	Chang et al.	
A3	US- 5,681,830		10/28/1997	Chang et al.	
A4	US- 5,807,858		09/15/1998	Chang et al.	
A5	US- 5,854,249		12/29/1998	Chang et al.	
A6	US- 6,130,222		10/10/2000	Roberts et al.	
A7	US- 6,680,318		01/20/2004	Brown et al.	
A8	US- 6,680,321		01/20/2004	Roberts et al.	
A9	US- 6,696,447		02/24/2004	Brown et al.	
A10	US- 6,784,181		08/31/2004	Brown et al.	
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FOREIGN PATENT DOCUMENTS

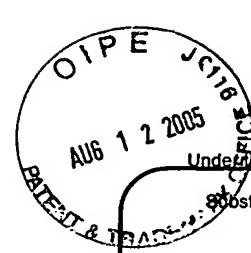
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
B1	WO	86/04584	08/14/1986	Aktiebolaget Leo		
B2	WO	91/07967	06/13/1991	Janssen		
B3	WO	01/74805	10/11/2001	AstraZeneca AB		
B4	WO	93/15062	08/05/1993	The Wellcome		
B5	WO	97/23466	07/03/1997	Astra Pharma Inc.		

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Sheet 2 of 9

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Application Number	10/533,654
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Art Unit	
Examiner Name	
Attorney Docket Number	100883-1P LIS

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

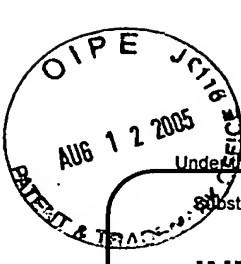
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	B6	WO	95/04051	02/09/1995	The Wellcome		
	B7	WO	98/28270	07/02/1998	Astra Aktiebolag		
	B8	WO	98/28275	07/02/1998	Astra Aktiebolag		
	B9	WO	99/33806	07/08/1999	Ortho-McNeil		
	B10	EP	0289227	11/02/1988	Syntex		

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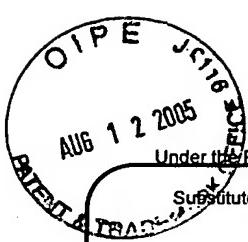
FOREIGN PATENT DOCUMENTS							
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		Country Code ³	Number ⁴				
B11	EP	0283310		09/21/1988	Sankyo Company		
B12	EP	0166302		01/02/1986	Polindustria		
B13	EP	0133323		02/20/1985	The Wellcome		
B14	GB	2210366		06/07/1989	American Home		
B15	GB	2076403		12/02/1981	Selvi & C.S.p.A.		

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Sheet 4 of 9

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Application Number	10/533,654
Filing Date	05/04/2005
First Named Inventor	William Brown
Art Unit	
Examiner Name	
Attorney Docket Number	100883-1P US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B16	FR 2696744	04/15/1994	Laboratoires		
	B17	DE 2431178	01/16/1975	Cermol S.A.		
	B18	DE 2900810	07/24/1980	Cassella AG		
	B19	JP 7-138230	05/30/1995			
	B20	WO 97/23466	07/03/1997	Astra Aktiebolag		

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Attorney Docket Number	100883-1P US

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FOREIGN PATENT DOCUMENTS

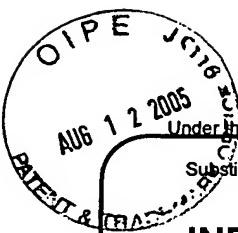
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	B21	WO 92/04338	03/19/1992	The Up-John Co.		
	B22	EP 0624584	08/19/1998	Daiichi		
	B23	WO 02/094794	11/28/2002	AstraZeneca AB		
	B24	WO 01/45637	06/28/2001	AstraZeneca AB		
	B25	WO 01/46174	06/28/2001	AstraZeneca AB		

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Sheet 6 of 9

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		Country Code ³ * Number ⁴ Kind Code ⁵ (if known)				
	B26	WO 2005/066148	07/21/2005	AstraZeneca AB		
	B27	WO 2004/041801	05/21/2004	AstraZeneca AB		
	B28	WO 2004/041800	05/21/2004	AstraZeneca AB		
	B29	WO 03/029215	04/10/2003	AstraZeneca AB		

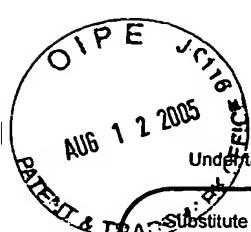
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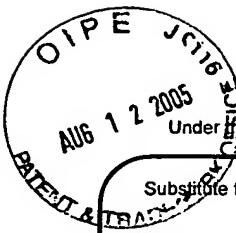
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Bilsky et al., "SNC 80, A Selective, Nonpeptidic and Systemically Active Opioid Delta Agonist," J. Pharmacol. Experi. Ther. 273:359-366 (1995)	
	C2	Takemori et al., "Selective Natrexone-Driven Opioid Receptor Antagonists," Annu. Rev. Pharmacol. Toxicol. 32:239-269 (1992)	
	C3	Bilsky et al., "Characterization of Enantiomers of (+) BW373U86 and Related Compounds: Highly Selective Non-Peptidic Delta Opioid Agonists," Reg. Peptides 54:25-26 (1994)	
	C4	Calderon et al., "Probes for Narcotic Receptor Mediated Phenomena. 19. Synthesis of ... Opioid Receptor Agonist," J. Med. Chem. 37:2125-2128 (1994)	
	C5	Calderon et al., "Probes for Narcotic Receptor Mediated Phenomena. 23. Synthesis ... Opioid Receptor Ligands," J. Med. Chem. 40:695-704 (1997)	
	C6	Chang et al., "A Novel, Potent and Selective Nonpeptidic Delta Opioid Receptor Agonist BW373U86," J. Pharmacol. Exper. Therap. 267:852-857 (1993)	
	C7	Katritzky et al., "Benzotriazole-Mediated Arylalkylation and Heteroarylalkylation," Chem. Soc. Rev. 23:363-373 (1994)	
	C8	Kingsbury et al., "Synthesis of Structural Analogs of Leukotriene B and their Receptor Binding Activity," J. Med. Chem. 36:3308-3320 (1993)	
	C9	Lopez et al., "Exploring the Structure-Activity Relationships... Opioid Receptor Nonpeptide Agonist Ligand," J. Med. Chem. 42:5359-5368 (1999)	
	C10	Plobeck et al., "New Diarylmethylpiperazines as Potent and Selective Nonpeptidic Opioid Receptor Agonists with Increased In Vitro Metabolic Stability," J. Med. Chem. 43:3878-3894 (2000)	
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C11	Suggs et al., "Facile Synthesis fo 8-Substituted Quinolines," J. Org. Chem., 45:1514-1515 (1980)	
	C12	Zhang et al., "Probes for Narcotic Receptor Mediated Phenomena. 26. Synthesis ... Opioid Receptor Ligands," J. Med. Chem. 42:5455-5463 (1999)	
	C13	English Abstract for Reference B16 on PTO/SB/08A, Page 4	
	C14	English Abstract for Reference B17 on PTO/SB/08A, Page 4	
	C15	English Abstract for Reference B18 on PTO/SB/08A, Page 4	
	C16	English Abstract for Reference B19 on PTO/SB/08A, Page 4	
	C17	Burkey et al., "The Efficacy of Delta-Opioid Receptor-Selective Drugs," Medline Abstract for Life Sci. 62:1531-1536 (1998)	
	C18	Nagase et al., "The Pharmacological Profile of Delta Opioid Receptor Ligands, (+) and (-) TAN-67 on Pain Modulation," Medline Abstract for Life Sci. 68:2227-2231 (2001)	
	C19	Green, "Protective Groups in Organic Synthesis," pgs. 267-268 and 331 (1981)	
	C20	Abstract for HU 217619. A corresponding English language PCT application is cited as Reference B1 listed on PTO/SB/08A, Page 1	

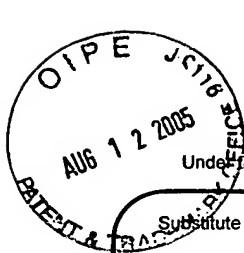
Examiner Signature		Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 9 of 9

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Complete if Known</i>	
				<i>Application Number</i>	10/533,654
				<i>Filing Date</i>	05/04/2005
				<i>First Named Inventor</i>	William Brown
				<i>Art Unit</i>	
				<i>Examiner Name</i>	
Sheet	9	of	9	<i>Attorney Docket Number</i>	100883-1P US
(Use as many sheets as necessary)					

NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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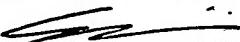
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Total Number of Pages in This Submission	12	Attorney Docket Number	100883-1P US
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ENCLOSURES (Check all that apply)

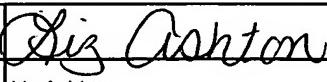
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
	<input type="checkbox"/> CD, Number of CD(s) _____	
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Remarks		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> <small>Reply to Missing Parts under 37 CFR 1.52 or 1.53</small>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Jianzhong Shen		
Date	Aug. 10, 2005	Reg. No.	48,076

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